

Title (en)

Magnetic element and process for producing the same

Title (de)

Magnetisches Element und dessen Herstellungsverfahren

Title (fr)

Élément magnétique et son procédé de fabrication

Publication

EP 0793242 A1 19970903 (EN)

Application

EP 97103256 A 19970227

Priority

JP 4095596 A 19960228

Abstract (en)

A magnetic element comprising a first thin film and a second thin film having a coercive force that is greater than the coercive force of the first thin film formed on a substrate. The magnetic element exhibits a continuous magnetic reversal under an applied alternating magnetic field having a magnitude that is smaller than the coercive force of the second thin film to cause said first thin film to undergo magnetic reversal. The magnetic element also exhibits a discontinuous sudden magnetic reversal under an applied alternating magnetic field having a magnitude that is greater than the coercive force of the second thin film. The configuration of the magnetic element has little effect on discontinuous magnetization response. Thus the magnetic element exhibits good magnetic characteristics even when formed in a small size.

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IPC 8 full level

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Citation (search report)

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